
2212 INSTRUCTION MANUAL

SOUNDS OF SILENCE

**VIBRAPLANE MODEL 2212
ACTIVE-AIR
TABLETOP ISOLATION PLATFORM**

The Quality Leader in Vibration Isolation

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Section I

As You Begin:

Congratulations! The VIBRAPLANE Model 2212 Platform you have purchased has been designed for many years of trouble-free user service. It will deliver superior vibration isolation performance for a broad range of audio applications, first being the front end. (Turntables, CD Transports) Any tube components, Pre-amp, or power amplifiers has also benefited from the Vibraplane.

The maximum gross load capacity of the 2212 Platform is 400 pounds (including Platform weight). The net load capacity is approximately 270 pounds.

In order to get full benefit from your VIBRAPLANE Model 2212, we suggest you follow the easy, step-by-step set up and operation instructions in this Manual.

Technical Assistance

Need Technical Assistance? First, refer to the "Troubleshooting" Section of this Manual. If your problem persists, the technical support staff at Sounds Of Silence will be glad to answer any questions. Just telephone us at (603) 888-5104, or FAX (603) 888-5104.

Damage due to shipping

When your VIBRAPLANE Model 2212 arrives, inspect it carefully for any damage due to shipping. *If ANY DAMAGE IS DETECTED, NOTIFY THE SHIPPING CARRIER IMMEDIATELY. SAVE ALL PACKING MATERIALS.*

Section II

Set Up Procedure:

1. Refer to Fig. 1 for an outline view of your VIBRAPLANE Model 2212 Platform.

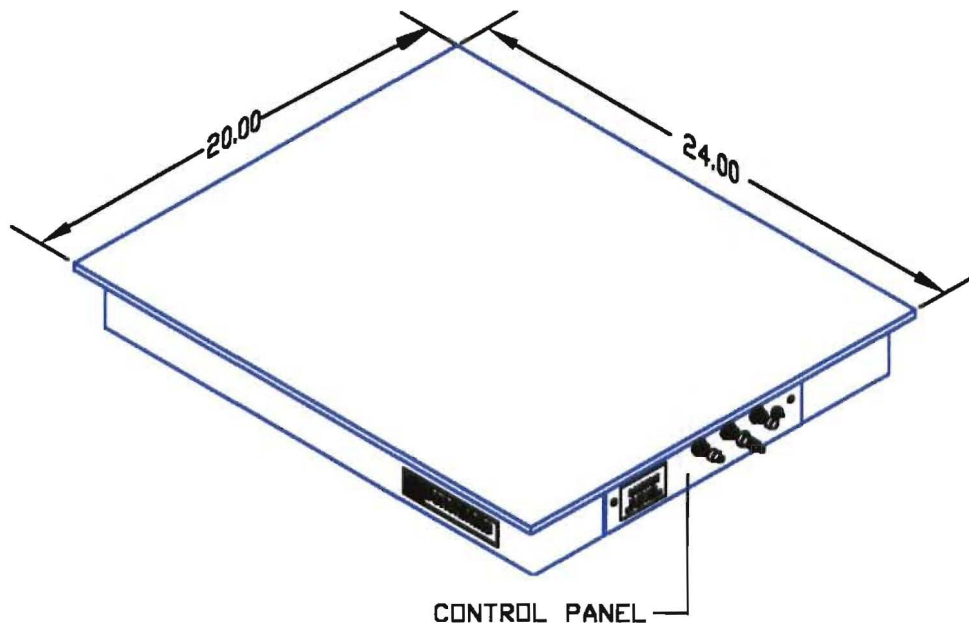


Fig. 1 Outline View of 2212 VIBRAPLANE Platform.

2. Carefully remove all shipping materials (metal strapping Cardboard, etc.)
3. An appropriate lifting or handling device is recommended for moving the 2212 tabletop platform. Provisions of which are to be made by user.
4. Place the VIBRAPLANE Model 2212 Platform on top of a sturdy tabletop.
5. Place, and center, the equipment to be isolated on the platform. The system is now ready for operation using the hand pump air fill method. For the compressed air fill method the umbilical assembly must be connected to an air supply.

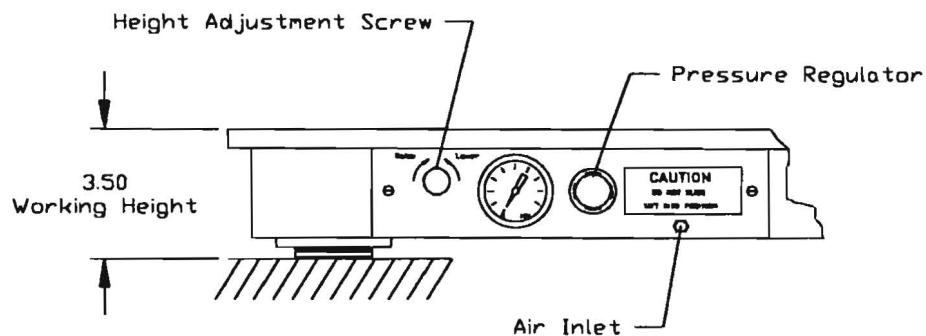
NOTE: Do not slide system on Tabletop, this may cause damage to Boot or misalign piston for improper isolation.

Section III

Operation / Height Adjustment:

- The VIBRAPLANE Model 2212 Platform is an Active-Air system which will automatically adjust itself to the appropriate level after the system is initially adjusted.
- For operation of the 2212 Active-Air Isolation system turn the pressure regulator knob clockwise raising the inlet pressure to between 72 - 80 psi.
- Adjust the height of the system by turning the height adjustment screws clockwise to raise the system or counterclockwise to lower the system. There are three height adjustment screws, two for the front to back adjustment and one for the left to right adjustment. (Fig 3)
- Check to see if the platform is floating freely by pressing down and pulling up by hand on the platform top at each airmount location and releasing. If the platform does not float freely, inflate or deflate as necessary. Check for and remove any obstructions that may inhibit platform movement.
- If properly inflated and level, floating height should be approximately 3 3/4 inches all around. For those who like to experiment, try different heights from 3 1/2 inches to 4 inches. Sonically, there will be differences depending on height.

Fig 2. 2212 Control Panel/Air Fill Illustration.



Compressed Air Inflation:

1. Connect the VIBRAPLANE Model 2212 Platform to a clean, dry compressed air supply not exceeding 110 psi. Use the 10 ft umbilical assembly furnished with the system.

**Set-Up/Operation of Jun-Air Compressor
(Optional: For purchases with compressor only)**

Caution!! Before working on compressor:

- 1) ***Switch power to OFF position.***
 - 2) ***Always make sure the air receiver has been emptied of air.***
- Remove the transportation cap from the air intake and attach the air intake filter . (This step may have been performed at the factory).
 - Pump will come pre-filled with oil. Oil level is determined by checking sight glass for proper fill.
 - Attach Filter/Regulator to straight outlet cock (part **C**) ensuring a tight fit. Pressure gauge (**L**) should align with other pressure gauge affixed to compressor.
 - Drain cock **J** should be in closed position. Turn clockwise to fully close.
 - Outlet cock **C** should be completely opened. (Turn counterclockwise until open).
 - Attach supplied black tubing to VIBRAPLANE (to the brass barb fitting marked compressed air inlet). Attach the other end of the tubing to the barb fitting on the filter regulator
 - Set regulator on Jun-Air (**P**) to between 95-105 psi by lifting knob and turning clockwise to increase pressure, counterclockwise to decrease pressure
 - Plug unit in, switch to Auto

SECTION IV

Trouble Shooting:

The purpose of this section is to aid the user in the diagnosis and repair of any minor problems that may occur. If your difficulty persists, call SOS technical support staff for assistance.

Symptom: Tabletop Will Not "Float"	
Possible Causes	Probable Solutions
Supported load too heavy.	Reduce load to system capacity
Supported load uneven	Redistribute load evenly
Gross air leak.	Locate leak and repair.

Symptom: Tabletop "Floats" But Will Not Isolate	
Possible Causes	Probable Solutions
Rubbing between Platform Airmount.	Reposition Platform.
Foreign object between Platform and Airmount	Remove foreign object.
Piston or pistons too high.	Lower the piston(s) by turning the height adjustment screw counterclockwise. (see Fig 3).
Piston or pistons too low.	Raise the piston(s) by turning the height adjustment screw clockwise. (see Fig 3).

Section V.

Replacement Boot Installation:

The following instructions explain how to install a replacement isolator for your 2212 Platform.

Required Materials:

- Replacement isolator (as per specification).

Required Tools:

- Wrench supplied with Vibraplane.
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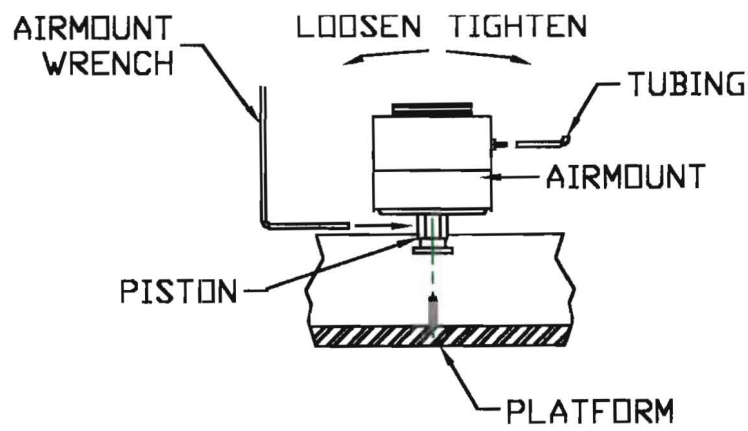


Fig. 3 Isolator (Airmount) Replacement.

1. Turn the platform over.
2. Remove the airline (tubing) attached to the airtight seal (isolator).
3. Using the wrench provided remove the damaged airtight seal, by unscrewing it from the platform.
4. Replace the airtight seal by screwing it onto the platform, then check for level condition.
5. Attach the airline to the new airtight seal.
6. The VIBRAPLANE Model 2212 Platform is now ready for operation.

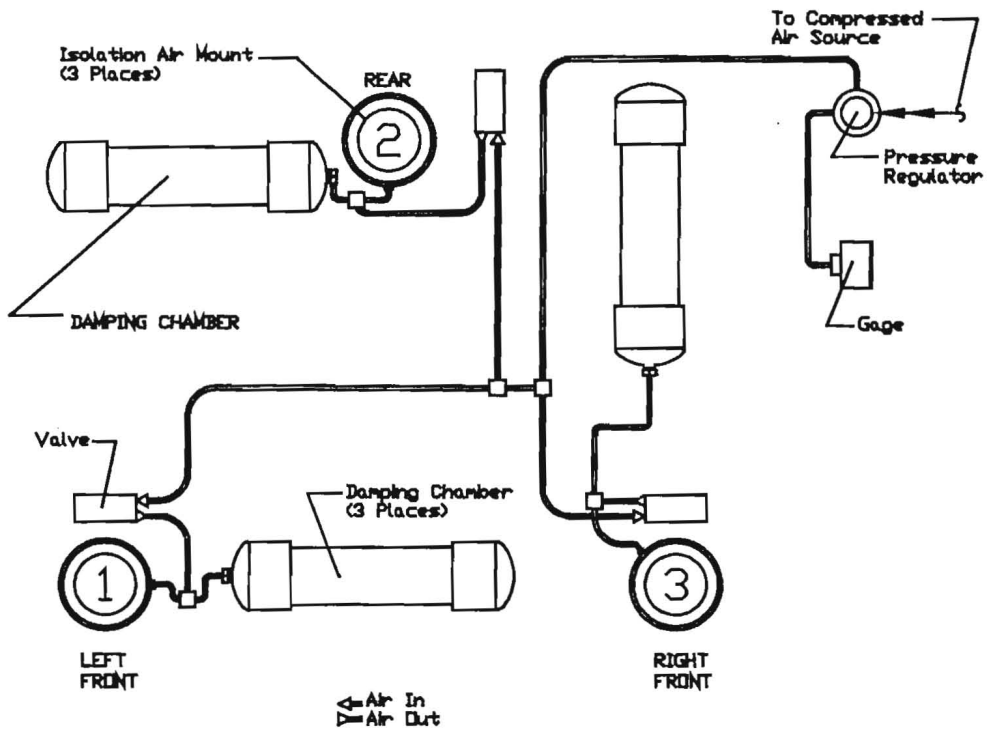


Figure 4a

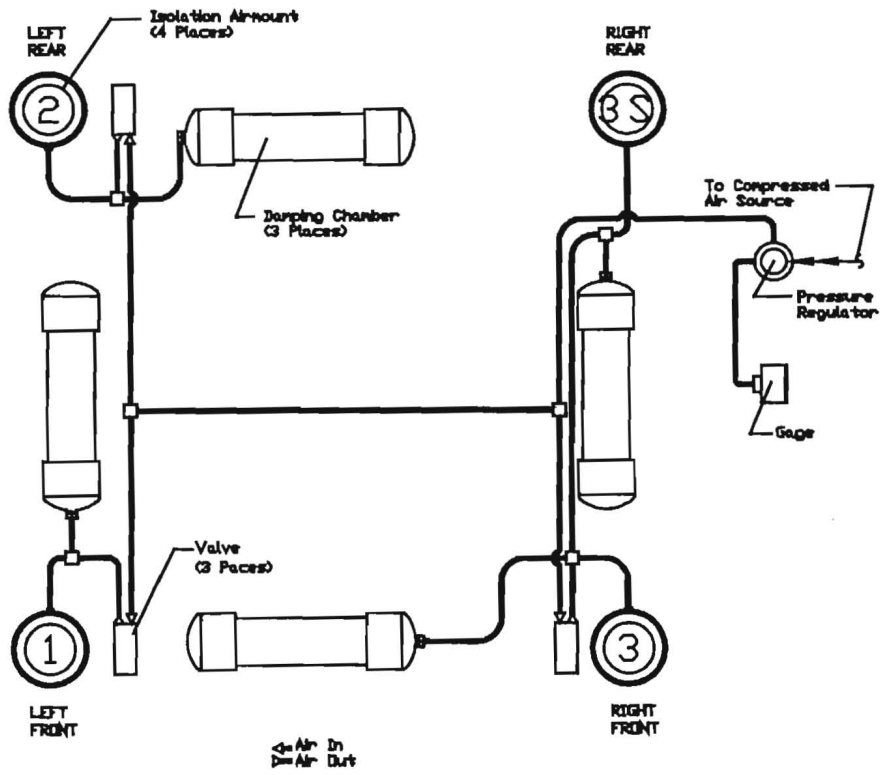
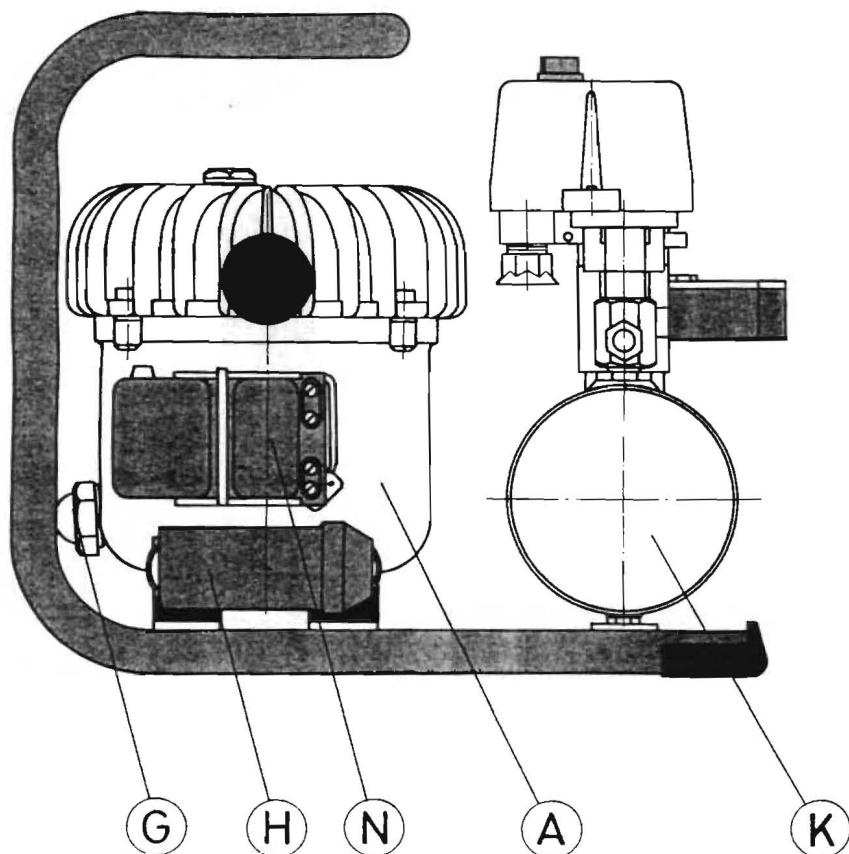


Figure 4b

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|---|--|---|
| (A) Compressor
Kompressor
Compresseur
Kompressor | (E) Safety valve
Sicherheitsventil
Soupape de sécurité
Sikkerhedsventil | (J) Drain cock
Entleerungshahn
Robinet de purge
Aftapningshane |
| (B) Flexible pipe
Flex. Rohr
Tuyau flexible
Flex. slange | (F) Intake filter
Ansaugfilter
Filtre d'aspiration
Indsugningsfilter | (K) Air-receiver
Behälter
Réservoir
Beholder |
| (C) Outlet cock
Absperrhahn
Robinet de sortie
Afgangshane | (G) Oil level glass
Ölstandglas
Voyant d'huile
Oliestandsglas | (L) Pressure gauges
Manometer
Manomètres
Manometre |
| (D) Non return valve
Rückschlagventil
Soupape anti-retour
Kontraventil | (H) Start capacitor
Anlass-Kondensator
Condensateur de démarrage
Startkondensator | (M) Pressure switch
Druckshalter
Pressostat
Trykafbryder |



- | | | |
|--|---|---|
| (N) Terminal box
Klemmkasten
Boite de connexion
El-udstyr | (O) Filling of oil
Ölaufüllung
Remplissage de l'huile
Oliepåfyldning | (P) Adjusting knob
Reglerhandgriff
Bouton de réglage
Reguleringsknap |
|--|---|---|

